

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001958

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: E05B-47/00, E05B-65/32, E05C-3/12

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: E05B, E05C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched:

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)
Delphion, Canadian patents, Esp@cenet, Internet search: (lock, latch, closure), (vehicle, automobile), (battery, power, supply), motor, powered, control, (redundant, back-up, secondary, auxiliary)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US6463463 October 15, 2002 (15-10-2002) Dimig *abstract *figures 15, 16 *col 2 lines 18-28 *col 14 line 43 - col 16 line 12	1-7
Y	US5547208 August 20, 1996 (20-0801996) Chappell et al. *figure *col 4 lines 12 - 47	1-6
Y	US5497641 March 12, 1996 (12-03-1996) Linde et al. *abstract *figure *col 3 lines 10-59	7

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

* Special categories of cited documents :	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international-type search
15 February 2005 (15-02-2005)Date of mailing of the international-type search report
14 March 2005 (14-03-2005)Name and mailing address of the ISA/CA
Commissioner of Patents
Canadian Patent Office - PCT
Ottawa/Gatineau K1A 0C9
Facsimile No. 1-819-953-9358Authorized officer
Andrew Strong (819) 994-8691

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CA2004/001958

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US6463463	15-10-2002	AU758302 B2	20-03-2003
		AU3924499 A	20-12-1999
		AU5020101 A	23-10-2001
		AU5020201 A	23-10-2001
		AU5020401 A	23-10-2001
		AU5206001 A	23-10-2001
		AU7500100 A	24-04-2001
		AU8563201 A	04-03-2002
		AU8742601 A	13-03-2002
		BR0113513 A	20-07-2004
		CA2245157 A1	29-11-1999
		CA2333881 A1	09-12-1999
		CA2343555 A1	10-10-2001
		CA2343648 A1	10-10-2001
		CA2343905 A1	10-10-2001
		CA2343932 A1	10-10-2001
		CA2356004 A1	29-11-1999
		CA2356038 A1	29-11-1999
		CA2356046 A1	29-11-1999
		CA2356073 A1	29-11-1999
		CA2356324 A1	29-11-1999
		CA2367135 A1	29-11-1999
		CA2385553 A1	29-03-2001
		CA2389978 A1	13-02-2003
		CA2420145 A1	07-03-2002
		CA2420250 A1	28-02-2002
		CN1304608T T	18-07-2001
		CN1436413T T	13-08-2003
		CN1470113T T	21-01-2004
		CN1484800T T	24-03-2004
		EP1082839 A2	14-03-2001
		EP1096725 A2	02-05-2001
		EP1096726 A2	02-05-2001
		EP1096727 A2	02-05-2001
		EP1098481 A2	09-05-2001
		EP1124352 A2	16-08-2001
		EP1126662 A2	22-08-2001
		EP1206073 A2	15-05-2002
		EP1214818 A1	19-06-2002
		EP1273135 A2	08-01-2003
		EP1273136 A2	08-01-2003
		EP1282957 A2	12-02-2003
		EP1284570 A2	19-02-2003
		EP1314283 A2	28-05-2003
		EP1315336 A1	28-05-2003
		EP1320221 A2	18-06-2003
		EP1386266 A2	04-02-2004
		IL139839D D0	10-02-2002
		JP2002517947T T	18-06-2002
		JP2004220622 A	05-08-2004
		MXPA00011592 A	17-10-2002
		NO20005917 A	26-01-2001
		NZ508305 A	30-04-2004
		NZ528050 A	28-01-2005
		US6219694 B1	17-04-2001
		US6389457 B2	14-05-2002
		US6401113 B2	04-06-2002
		US6438585 B2	20-08-2002
		US6463463 B1	08-10-2002
		US6463464 B1	08-10-2002
		US6701378 B1	02-03-2004
		US6779019 B1	17-08-2004
		US2001005857 A1	28-06-2001
		US2001005860 A1	28-06-2001
		US2001005861 A1	28-06-2001
		US2001013071 A1	09-08-2001
		US2001054115 A1	20-12-2001
		US2002029258 A1	07-03-2002
		US2002049818 A1	25-04-2002
		US2002120696 A1	29-08-2002

INTERNATIONAL SEARCH REPORT

International application No.
FIELD(pctNo)

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US6463463 continued		US2003187938 A1	02-10-2003
		US2004024824 A1	05-02-2004
		US2004073619 A1	15-04-2004
		US2004252727 A1	16-12-2004
		WO0122669 A1	29-03-2001
		WO0178319 A2	18-10-2001
		WO0178320 A2	18-10-2001
		WO0178341 A2	18-10-2001
		WO0178342 A2	18-10-2001
		WO0217564 A2	28-02-2002
		WO0219181 A2	07-03-2002
		WO9963709 A2	09-12-1999
US5547208	20-08-1996	US5547208 A	20-08-1996
US5497641	12-03-1996	DE4228234 A1	03-03-1994
		DE59307662D D1	18-12-1997
		EP0584499 A1	02-03-1994
		US5497641 A	12-03-1996